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PATENTS

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

KARY B. MULLIS

Application No. **10/754,456**

Filed: **January 9, 2004**

For: **CHEMICALLY PROGRAMMABLE IMMUNITY**

Art Unit: **1644**

Examiner: **David A. Saunders**

Attorney Docket No. **13139-0104**
(13721.105006)

TRANSMITTAL

Mail Stop Amendment
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Transmitted herewith are papers in the above-identified application.

- ☒ Revocation and Grant of Power of Attorney; Change of Correspondence Address; Change of Attorney Docket Number; and Statement Under 37 CFR 3.73(b)
- ☒ No fee is believed due. However, if deemed appropriate, the Commissioner is authorized to charge any fees to Deposit Account No. 11-0980.

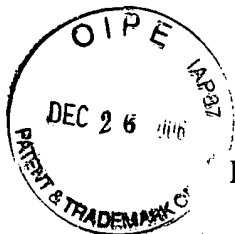
Respectfully submitted,

Shirley E. Brosmore
Shirley E. Brosmore
Reg. No. 56,167

KING & SPALDING LLP
1180 Peachtree Street, N.E., 34th Floor
Atlanta, Georgia 30309-3521
404.572.4600 - Telephone
404.572.5134 - Facsimile

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on December 19, 2006.

Shirley E. Brosmore
Shirley E. Brosmore, Reg. No. 56,167



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In re Application of:

KARY B. MULLIS

Application No. 10/754,456

Filed: January 9, 2004

For: **CHEMICALLY PROGRAMMABLE IMMUNITY**

Art Unit: 1644

Examiner: David A. Saunders

Attorney Docket No. **13139-0104**
(13721.105006)

**REVOCATION AND GRANT OF POWER OF ATTORNEY;
CHANGE OF CORRESPONDENCE ADDRESS;
CHANGE OF ATTORNEY DOCKET NUMBER; AND
STATEMENT UNDER 37 CFR 3.73(b)**

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Dear Sir:

Revocation/Grant of Power of Attorney

Altermune, LLC, the owner by assignment of all right, title, and interest in and to the subject application, hereby revokes all powers of attorney heretofore granted for the above-identified application and hereby appoints the practitioners associated with **Customer Number 20786** as the attorneys of record herein, with full power of substitution and revocation, to prosecute this application and to transact all business in the U.S. Patent and Trademark Office connected therewith.

Change of Correspondence Address

Please direct all future correspondence in the application to James Dean Johnson, Ph.D.,
at the address associated with the customer number provided above.

Change of Attorney Docket Number

Please reference the Attorney Docket Number **13139-0104 (13721.105006)** on all future correspondence in the application.

Statement Under 37 CFR 3.73(b)

Assignee, Altermune, LLC, a corporation of the State of California, having a place of business at 919 Bayside Drive, Apartment # O-4, Newport Beach, CA 92660, certifies that it is the assignee of the entire right, title, and interest in the above-identified patent application by virtue of a chain of title from the respective inventors of the subject matter disclosed and claimed therein. The chain of title is as set forth below.

1. An assignment from the inventor, Kary B. Mullis, to Altermune, LLC. The assignment was recorded in the United States Patent and Trademark Office on August 15, 2005, at Reel 016884, Frame 0946. A copy of the assignment is attached.

The undersigned is empowered to sign this Revocation and Grant of Power of Attorney on behalf of the Assignee.

ALTERMUNE, LLC

Date: Nov 6, 2006

By: Kary B Mullis
Name: Kary B Mullis
Title: President



UNITED STATES PATENT AND TRADEMARK OFFICE

UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

DECEMBER 13, 2005

PTAS



103063067A

JOHN S. PRATT
KILPATRICK STOCKTON LLP
1100 PEACHTREE STREET
SUITE 2800
ATLANTA, GEORGIA 30309-4530

UNITED STATES PATENT AND TRADEMARK OFFICE
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 08/15/2005

REEL/FRAME: 016884/0946
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).
DOCKET NUMBER: 44537-234601

ASSIGNOR:

MULLIS, KARY B.

DOC DATE: 08/02/2005

ASSIGNEE:

ALTERMUNE, LLC
919 BAYSIDE DRIVE, APARTMENT 04
NEWPORT BEACH, CALIFORNIA 92660

DEC 20 2005

SERIAL NUMBER: 60171707
PATENT NUMBER:
TITLE: CHEMICALLY PROGRAMMABLE IMMUNITY

FILING DATE: 12/22/1999
ISSUE DATE:

SERIAL NUMBER: 10178046
PATENT NUMBER:
TITLE: CHEMICALLY PROGRAMMABLE IMMUNITY

FILING DATE: 06/21/2002
ISSUE DATE:

016884/0946 PAGE 2

SERIAL NUMBER: 10696770
PATENT NUMBER:
TITLE: CHEMICALLY PROGRAMMABLE IMMUNITY

FILING DATE: 10/29/2003
ISSUE DATE:

SERIAL NUMBER: 10754456
PATENT NUMBER:
TITLE: CHEMICALLY PROGRAMMABLE IMMUNITY

FILING DATE: 01/09/2004
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US2035179
TITLE:

FILING DATE:
ISSUE DATE:

SERIAL NUMBER:
PATENT NUMBER:
PCT NUMBER: US2050490
TITLE:

FILING DATE:
ISSUE DATE:

JOANN STEWART, EXAMINER
ASSIGNMENT DIVISION
OFFICE OF PUBLIC RECORDS

08-17-2005

DEPARTMENT OF COMMERCE
Patent & Trademark Office

DEC 26 2006

RECO



103063067

To the Director of the U.S. Patent and Trademark Office. Please include documents or copy thereof.

1. Name of conveying party(ies):

Kary B. Mullis

2. Name and Address of receiving party(ies):

Name: Altermune, LLC

Address: 919 Bayside Drive
Apartment O4

City: Newport Beach

State: CA

Zip: 92660

Additional name(s) & address(es) attached? ☐ Yes ☒ No

Additional name(s) of conveying party(ies)
attached?

☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Other

Execution date(s) of each conveying party:
August 2, 2005

4(a). Patent Application No.(s): 60/171,707
PCT/US2000/035179
10/178,046
10/696,770
10/754,456
PCT/US2005/000490

If this document is being filed together with a new application, the execution date of the application is:

Additional numbers attached? ☐ Yes ☒ No

5. Name and address of party to whom correspondence
concerning this document should be mailed:

Name: John S. Pratt
Address: KILPATRICK STOCKTON LLP
1100 Peachtree Street
Suite 2800
Atlanta, Georgia 30309-4530

6. Total number of applications and patents involved: 6

7. Total fee (37 C.F.R. §3.41) enclosed: \$240

DO NOT USE THIS SPACE

8. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

I certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Mailstop Assignments, Director of the U.S. Patent & Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on the date given below.

Shirley E. Brosmore
Name of Person Signing

Shirley E. Brosmore
Signature

Date: August 11, 2005

Attorney Docket No. 44537-234601

Total number of pages including
cover sheet: 4

Mail documents to be recorded with required cover sheet information to: Director of the U.S. Patent & Trademark Office
Mailstop Assignment Recordation Services
P.O. Box 1450
Alexandria, VA 22313-1450

08/16/2005 EDOOPER 00000043 60171707

01 FC:8021

(240.00 DP)

ASSIGNMENT OF PATENT APPLICATION AND INVENTIONS

WHEREAS, KARY B. MULLIS, a citizen of the United States of America, residing at 919 Bayside Drive, Apartment O4, Newport Beach, CA 92660, (hereinafter "ASSIGNOR"), owns certain inventions and improvements disclosed in patent applications filed with the United States Patent and Trademark Office listed in attached Exhibit A; and

WHEREAS, ALTERMUNE, LLC, a corporation of the State of California having a principal place of business 919 Bayside Drive, Apartment O4, Newport Beach, CA 92660 (hereinafter, "ASSIGNEE") is desirous of acquiring an interest in the same;

NOW, THEREFORE, for and in consideration of Five Dollars (\$5.00) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents does sell, assign and transfer unto ASSIGNEE the full, exclusive and entire right, title, and interest in and to said applications, in and to any divisions, continuations, and reissues thereof, and in and to all inventions and improvements disclosed and described in said applications, preparatory to obtaining Letters Patent of the United States therefor; and ASSIGNOR hereby requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States resulting from said applications, or from divisions, continuations, or reissues thereof, to ASSIGNEE, as the assignee, for its interest and for the sole use and benefit of ASSIGNEE and its assigns and legal representatives.

For the same consideration, ASSIGNOR by these presents does sell, assign, and transfer to ASSIGNEE the full, exclusive, and entire right, title and interest in and to any foreign application or applications corresponding to said applications, in whole or in part, in countries other than the United States, in and to any Letters Patent and similar protective rights granted on said foreign applications, and in and to the right to claim any applicable priority rights arising

from or required for said foreign applications under the terms of any applicable conventions, treaties, statutes, or regulations, said foreign applications to be filed and issued in the name of ASSIGNEE, or its designee insofar as permitted by applicable law.

AND, for the same consideration, ASSIGNOR agrees to sign all lawful papers, execute all divisional, continuing, reissue and other applications, make all assignments and rightful oaths, and generally do everything possible to aid ASSIGNEE, its successors, assigns, and nominees, to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world.

ASSIGNOR further agrees that all necessary records of ASSIGNOR to establish priority of invention in any interference or similar proceeding will be made to ASSIGNEE, in the event such records are needed in connection with any of the assigned Letters Patent or applications for Letters Patent.

Dated:

Aug 2, 2005

Kary B Mullis
KARY B. MULLIS

EXHIBIT A

| Application No. | Filing Date | Type | Docket # |
|-------------------|-------------------|----------------------|--------------|
| 60/171,707 | December 22, 1999 | US Provisional | 44537-0100P |
| PCT/US2000/035179 | December 21, 2000 | PCT Application | 44537-0101WP |
| 10/178,046 | June 21, 2002 | Continuation | 44537-0102 |
| 10/696,770 | October 29, 2003 | Continuation-in-Part | 44537-0103 |
| 10/754,456 | January 9, 2004 | Continuation-in-Part | 44537-0104 |
| PCT/US2005/000490 | January 7, 2005 | PCT Application | 44537-0104WP |